NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 46

Providing and fixing pre cast solid cement concrete kerb stones made out of C. C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1 :3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	For KERBSTONE FIXING										
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-RHS										
	1100.00	1130.00	Rmt	1.00	30.00					30.00	
	1130.00	1148.00	Rmt	1.00	19.50					19.50	
	1148.00	1158.00									1st B Main Road
	1158.00	1188.00	Rmt	1.00	31.50					31.50	
	1188.00	1218.00	Rmt	1.00	30.00					30.00	
	1218.00	1248.00	Rmt	1.00	30.00					30.00	
	1248.00	1278.00	Rmt	1.00	30.00					30.00	
	1278.00	1308.00	Rmt	1.00	30.00					30.00	
	1308.00	1314.00	Rmt	1.00	7.50					7.50	
	1314.00	1320.00									4th B Main Road
	1320.00	1350.00	Rmt	1.00	31.50					31.50	
	1350.00	1380.00	Rmt	1.00	30.00					30.00	
	1380.00	1410.00	Rmt	1.00	30.00					30.00	
	1410.00	1440.00	Rmt	1.00	30.00					30.00	
	1440.00	1470.00	Rmt	1.00	30.00					30.00	
	1470.00	1478.00	Rmt	1.00	9.50					9.50	
	1478.00	1488.00									cross road
	1488.00	1492.00	Rmt	1.00	5.50					5.50	
	1492.00	1500.00	Rmt								cross road
	1500.00	1530.00	Rmt	1.00	31.50					31.50	
	1530.00	1560.00	Rmt	1.00	30.00					30.00	
	1560.00	1585.00	Rmt	1.00	26.50					26.50	
	1585.00	1593.00									cross road
	1593.00	1600.00	Rmt	1.00	8.50					8.50	
	1600.00	1630.00	Rmt	1.00	30.00					30.00	
	1630.00	1660.00	Rmt	1.00	30.00					30.00	
	1660.00	1690.00	Rmt	1.00	30.00					30.00	
	1690.00	1720.00	Rmt	1.00	30.00					30.00	
	1720.00	1737.00	Rmt	1.00	17.00					17.00	
	1737.00	1747.00	Rmt	1.00						0.00	9th b cross road
	1747.00	1777.00	Rmt	1.00	30.00					30.00	
	1777.00	1807.00	Rmt	1.00	30.00					30.00	
	1807.00	1837.00	Rmt	1.00	30.00					30.00	

698.50

NCC LIMITED Bangalore

CONTRACTOR

AE

PMC

BBMP

CF 698.50

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	1837.00	1867.00	Rmt	1.00	30.00					30.00	
	1867.00	1897.00	Rmt	1.00	30.00					30.00	
	1897.00	1925.00	Rmt	1.00	28.00					28.00	
	1925.00	1935.00									cross road near mahalakshmi sweets
	1935.00	1950.00	Rmt	1.00	15.00					15.00	
	1950.00	1960.00									cross road near VIVO Showroom
	1960.00	1980.00	Rmt	1.00	20.00					20.00	
	For KERBSTONE FIXING										
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-LHS										
	1100.00	1130.00	CUM	1.00	30.00					30.00	
	1130.00	1160.00	CUM	1.00	30.00					30.00	
	1160.00	1190.00	CUM	1.00	30.00					30.00	
	1190.00	1207.00	CUM	1.00	18.50					18.50	
	1207.00	1211.00	CUM	1.00						0.00	2 B sector cross road
	1211.00	1231.00	cum	1.00						0.00	not done
	1231.00	1236.00	cum							0.00	3A B main road B sector
	1236.00	1254.00	CUM	1.00	19.50					19.50	
	1254.00	1259.00	CUM	1.00						0.00	3rd b main ROAd
	1259.00	1275.00	CUM	1.00	17.50					17.50	
	1275.00	1283.00								0.00	3rd b crossd road
	1283.00	1313.00	CUM	1.00	31.50					31.50	
	1313.00	1330.00	CUM	1.00	18.50					18.50	
	1330.00	1339.00	CUM	1.00						0.00	someswara cross road
	1339.00	1360.00	CUM	1.00	22.50					22.50	
	1360.00	1390.00	CUM	1.00	30.00					30.00	
	1390.00	1420.00	CUM	1.00	30.00					30.00	
	1420.00	1450.00	CUM	1.00	30.00					30.00	
	1450.00	1463.00	CUM	1.00	14.50					14.50	
	1463.00	1470.00	CUM	1.00						0.00	CROSS ROAD NEAR SHOW OFF
	1470.00	1492.00	CUM	1.00	23.50					23.50	
	1492.00	1500.00	CUM	1.00						0.00	CROSS ROAD
	1500.00	1515.00	CUM	1.00						0.00	not done - near bus top entry
	1515.00	1545.00	CUM	1.00	31.50					31.50	
	1545.00	1575.00	CUM	1.00	30.00					30.00	
	1575.00	1590.00	CUM	1.00	16.50					16.50	
	1590.00	1600.00									cross road
	1600.00	1630.00	Rmt	1.00	31.50					31.50	
	1630.00	1660.00	Rmt	1.00	30.00					30.00	
	1660.00	1690.00	Rmt	1.00	30.00					30.00	
	1690.00	1720.00	Rmt	1.00	30.00					30.00	

821.50

545.50

CONTRACTOR PMC BBMP

CF 545.50 (71)

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	1720.00	1740.00	Rmt	1.00	21.50					21.50	
	1740.00	1747.00	Rmt	1.00						0.00	9th b cross road
	1747.00	1777.00	Rmt	1.00	31.50					31.50	
	1777.00	1805.00	Rmt	1.00	28.00					28.00	
	1805.00	1815.00	Rmt								not done
	1815.00	1830.00	Rmt	1.00	16.50					16.50	
	1830.00	1840.00									11th b main road
	1840.00	1860.00	Rmt	1.00	21.50					21.50	
	1860.00	1870.00									12th b main road
	1870.00	1900.00	Rmt	1.00	31.50					31.50	
	1900.00	1930.00	Rmt	1.00	30.00					30.00	
	1930.00	1950.00	Rmt	1.00	20.00					20.00	
	1950.00	1960.00									near vivo show room
	1960.00	1980.00	Rmt	1.00	21.50					21.50	767.50
Total length			**Rmt**							**1589.00**	
Total Quantity			**Nos**							**3531.00**	

20/6/2022

AE 20/06/2022

20/6/2022

NCC LIMITED Bangalore

CONTRACTOR

Support Engineering Consultants Pvt. Ltd. Bengaluru

PMC

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 17

KSRB 14.6-1: Providing and laying heavy duty cobble stones 100mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of M40 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	For Buffer										
	Stretch : From Yes Bank to Vishnu Park - LHS										
	175.00	190.00	Sqm	1	15.00	0.66	0.80	0.73		10.95	
	190.00	200.00	Sqm	1	10.00	0.80	0.90	0.85		8.50	
	200.00	210.00	Sqm	1	10.00	0.90	1.03	0.97		9.65	
	210.00	220.00	Sqm	1	10.00	1.03	1.16	1.10		10.95	
	220.00	230.00	Sqm	1	10.00	1.16	1.80	1.48		14.80	
	230.00	239.00	Sqm	1	9.00					0.00	
	239.00	250.00	Sqm	1	11.00	1.00	0.68	0.84		9.24	
	250.00	260.00	Sqm	1	10.00	0.68	0.68	0.68		6.80	
	260.00	270.00	Sqm	1	10.00	0.68	0.55	0.62		6.15	
	270.00	280.00	Sqm	1	10.00	0.55	0.68	0.62		6.15	
	280.00	290.00	Sqm	1	10.00	0.68	0.80	0.74		7.40	
	290.00	300.00	Sqm	1	10.00	0.80	0.80	0.80		8.00	
	300.00	310.00	Sqm	1	10.00	0.80	0.92	0.86		8.60	
	310.00	320.00	Sqm	1	10.00	0.92	1.03	0.98		9.75	
	320.00	330.00	Sqm	1	10.00	1.03	1.08	1.06		10.55	
	330.00	340.00	Sqm	1	10.00	1.08	1.03	1.06		10.55	
	340.00	350.00	Sqm	1	10.00	1.03	1.03	1.03		10.30	
	350.00	360.00	Sqm	1	10.00	1.03	1.08	1.06		10.55	
	360.00	365.00	Sqm	1	5.00	1.08	1.08	1.08		5.40	
	365.00	373.40	Sqm	1	8.40					0.00	
	373.40	380.00	Sqm	1	6.60	1.30	1.25	1.28		8.42	
	380.00	390.00	Sqm	1	10.00	1.25	1.20	1.23		12.25	
	390.00	400.00	Sqm	1	10.00	1.20	1.30	1.25		12.50	
	400.00	410.00	Sqm	1	10.00	1.30	1.45	1.38		13.75	

NCC LIMITED Bangalore

CONTRACTOR

AE

Infra Support Engineering Consultants Pvt. Ltd.

PMC

17.11.16

BBMP

Cf 171.16

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	410.00	420.00	Sqm	1	10.00	1.45	1.38	1.42		14.15	
	420.00	435.00	Sqm	1	15.00	1.38	1.40	1.39		20.85	
	435.00	447.00	Sqm	1	12.00						PQC
	447.00	462.00	Sqm	1	15.00	1.45	1.50	1.48		22.13	
	462.00	477.00	Sqm	1	15.00	1.40	1.38	1.39		20.85	
	477.00	492.00	Sqm	1	15.00	1.45	1.50	1.48		22.13	
	492.00	507.00	Sqm	1	15.00	1.40	1.50	1.45		21.75	
	507.00	522.00	Sqm	1	15.00	1.40	1.42	1.41		21.15	
	522.00	537.00	Sqm	1	15.00	1.50	1.50	1.50		22.50	
	537.00	552.00	Sqm	1	15.00	1.40	1.43	1.42		21.23	
	552.00	567.00	Sqm	1	15.00	1.40	1.50	1.45		21.75	
	567.00	582.00	Sqm	1	15.00	1.48	1.50	1.49		22.35	
	582.00	597.00	Sqm	1	15.00	1.40	1.50	1.45		21.75	
	597.00	612.00	Sqm	1	15.00	1.47	1.50	1.49		22.28	
	612.00	627.00	Sqm	1	15.00	1.40	1.50	1.45		21.75	
	627.00	642.00	Sqm	1	15.00	1.40	1.50	1.45		21.75	
	642.00	657.00	Sqm	1	15.00	1.48	1.50	1.49		22.35	
	657.00	672.00	Sqm	1	15.00	1.40	1.48	1.44		21.60	
	672.00	687.00	Sqm	1	15.00	1.50	1.50	1.50		22.50	
	687.00	702.00	Sqm	1	15.00	1.50	1.50	1.50		22.50	
	702.00	717.00	Sqm	1	15.00	1.50	1.50	1.50		22.50	
	717.00	732.00	Sqm	1	15.00	1.50	1.50	1.50		22.50	
DEDUCTIONS											
CHAMBERS											
CHAINAGE											
	225.00		SQM	-1	1.13					-1.13	MH
	258.00		SQM	-1	1.13					-1.13	MH
	472.00		SQM	-1	1.13					-1.13	MH
	506.00		SQM	-1	1.13					-1.13	MH
	564.00		SQM	-1	1.00			0.70		0.70	OFC
BUFFER ZONE											

623.46
663.51

668.99
648.94

659.69

20/6/2022

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CC 559.69

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-RHS										
	1110.00	1140.00	Sqm	1.00	30.00			1.35		40.50	
	1140.00	1170.00	Sqm	1.00	30.00			1.35		40.50	
	1170.00	1200.00	Sqm	1.00	30.00			1.35		40.50	
	1200.00	1230.00	Sqm	1.00	30.00			1.35		40.50	
	1230.00	1260.00	Sqm	1.00	30.00			1.35		40.50	
	1260.00	1290.00	Sqm	1.00	30.00			1.35		40.50	
	1290.00	1320.00	Sqm	1.00	30.00			1.35		40.50	
	1320.00	1350.00	Sqm	1.00	30.00			1.35		40.50	
	1350.00	1380.00	Sqm	1.00	30.00			1.35		40.50	
	1380.00	1410.00	Sqm	1.00	30.00			1.35		40.50	
	1410.00	1440.00	Sqm	1.00	30.00			1.35		40.50	
	1440.00	1470.00	Sqm	1.00	30.00			1.35		40.50	
	1470.00	1490.00	Sqm	1.00	20.00			1.35		27.00	
	1593.00	1600.00	Sqm	1.00	7.00			1.35		9.45	
	1600.00	1630.00	Sqm	1.00	30.00			1.35		40.50	
	1630.00	1660.00	Sqm	1.00	30.00			1.35		40.50	
	1660.00	1690.00	Sqm	1.00	30.00			1.35		40.50	
	1690.00	1720.00	Sqm	1.00	30.00			1.35		40.50	
	1720.00	1737.00	Sqm	1.00	17.00			1.35		22.95	
	1737.00	1747.00	Sqm	1.00	10.00			1.35		13.50	
	1747.00	1777.00	Sqm	1.00	30.00			1.35		40.50	
	1777.00	1807.00	Sqm	1.00	30.00			1.35		40.50	
	1807.00	1837.00	Sqm	1.00	30.00			1.35		40.50	
	1837.00	1867.00	Sqm	1.00	30.00			1.35		40.50	
	1867.00	1897.00	Sqm	1.00	30.00			1.35		40.50	
	1897.00	1925.00	Sqm	1.00	28.00			1.35		37.80	
	1925.00	1935.00	Sqm	1.00	10.00			1.35		13.50	cross road near mahalakshmi sweets
	1935.00	1950.00	Sqm	1.00	15.00			1.35		20.25	
	1950.00	1960.00	Sqm	1.00	10.00			1.35		13.50	cross road near VIVO Showroom
	1960.00	1980.00	Sqm	1.00	20.00			1.35		27.00	
										1035.45	
	Deductions for cross roads										
	1950.00	1960.00	Sqm	-1.00	6.70			1.35		-9.05	13th cross
	1925.00	1935.10	Sqm	-1.00	10.10			1.35		-13.64	12B Mahalakshmi sweets
	1737.00	1747.00	Sqm	-1.00	7.85			1.35		-10.60	9th main
										1002.17	

CC 30/1/20

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